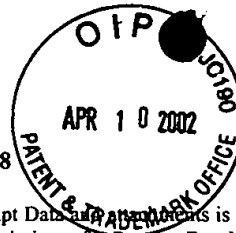


CERTIFICATE OF MAILING PURSUANT TO 37 C.F.R. §1.8



I hereby certify that this Request for Correction of Filing Receipt Data and Transmittal is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Box MISSING PARTS for the Office of Initial Patent Examination, Customer Service Center, Washington, D.C. 20231, on:

Date: March 25, 2002

By

*Merrie L. Quinn*

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant:	Saket CHADDA et al.	Docket No.	New: SFI 1017 Old: SFI 1008
Serial No.:	10/052,010	Group Art Unit:	3723
Filing Date:	January 17, 2002	Examiner:	Not yet assigned
Title:	METHOD FOR POLISHING COPPER ON A WORKPIECE SURFACE		

**REQUEST FOR CORRECTION OF FILING RECEIPT DATA**

Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, D.C. 20231

Sir/Madam:

Thank you for the "Filing Receipt" in the above-identified utility patent application.

The filing receipt indicates that the Attorney Docket No. is "SFI 1008". As evidenced in the enclosed copy of the Utility Patent Application Transmittal (Large Entity), the correct Attorney Docket No. should read **SFI 1017**.

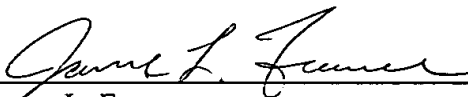
A copy of the filing receipt with the requested correction noted thereon is enclosed, along with a copy of the Utility Patent Application Transmittal submitted with the application on January 17, 2002.

With the requested correction, the Corrected Filing Receipt will agree with the application as filed.

If you should have any questions, please do not hesitate to contact the undersigned at the telephone number listed below.

Respectfully submitted,

Date: March 25, 2002

  
\_\_\_\_\_  
James L. Farmer  
Reg. No. 42,525

**SPEEDFAM-IPEC CORPORATION**

305 North 54<sup>th</sup> Street  
Chandler, Arizona 85226  
Telephone: (480) 705-2668  
Fax: (480) 785-4491



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
10/052,010	01/17/2002	3723	1376	SFT1008- JF11017	7	46	5

027782  
SPEEDFAM-IPEC CORPORATION  
305 NORTH 54TH STREET  
CHANDLER, AZ 85226



CONFIRMATION NO. 9154

## FILING RECEIPT



\*OC000000007496149\*

Date Mailed: 02/19/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Saket Chadda, Phoenix, AZ;  
Ismail Emesh, Gilbert, AZ;  
Thomas Laursen, Phoenix, AZ;  
Bentley J. Palmer, Chandler, AZ;

Domestic Priority data as claimed by applicant

Foreign Applications

If Required, Foreign Filing License Granted 02/19/2002

Projected Publication Date: To Be Determined - pending completion of Corrected Papers

Non-Publication Request: No

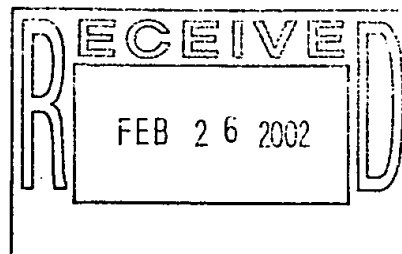
Early Publication Request: No

## Title

Method for polishing copper on a workpiece surface

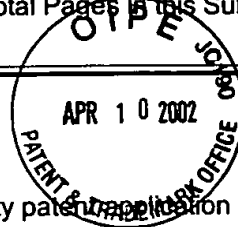
Preliminary Class

451



**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Large Entity)***(Only for new nonprovisional applications under 37 CFR 1.53(b))*Docket No.  
SFI 1017

Total Pages in this Submission

**TO THE ASSISTANT COMMISSIONER FOR PATENTS**Box Patent Application  
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**METHOD FOR POLISHING COPPER ON A WORKPIECE SURFACE**

and invented by:

**Saket Chadda, Ismail Emesh, Thomas Laursen, and Bentley J. Palmer**If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Enclosed are:

**Application Elements**

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 20 pages and including the following:
  - a. ☒ Descriptive Title of the Invention
  - b. ☐ Cross References to Related Applications *(if applicable)*
  - c. ☐ Statement Regarding Federally-sponsored Research/Development *(if applicable)*
  - d. ☐ Reference to Microfiche Appendix *(if applicable)*
  - e. ☒ Background of the Invention
  - f. ☒ Brief Summary of the Invention
  - g. ☒ Brief Description of the Drawings *(if drawings filed)*
  - h. ☒ Detailed Description
  - i. ☒ Claim(s) as Classified Below
  - j. ☒ Abstract of the Disclosure

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Large Entity)**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

Docket No.  
SFI 1017

Total Pages in this Submission

**Application Elements (Continued)**

3. ☒ Drawing(s) *(when necessary as prescribed by 35 USC 113)*
- a. ☒ Formal                      Number of Sheets 7
- b. ☐ Informal                      Number of Sheets \_\_\_\_\_
4. ☒ Oath or Declaration
- a. ☒ Newly executed *(original or copy)*      ☐ Unexecuted
- b. ☐ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*
- c. ☒ With Power of Attorney      ☐ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application,  
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference *(usable if Box 4b is checked)*  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied  
under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby  
incorporated by reference therein.
6. ☐ Computer Program in Microfiche *(Appendix)*
7. ☐ Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all must be included)*
- a. ☐ Paper Copy
- b. ☐ Computer Readable Copy *(identical to computer copy)*
- c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

**Accompanying Application Parts**

8. ☒ Assignment Papers *(cover sheet & document(s))*
9. ☒ 37 CFR 3.73(B) Statement *(when there is an assignee)*
10. ☐ English Translation Document *(if applicable)*
11. ☒ Information Disclosure Statement/PTO-1449      ☒ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Acknowledgment postcard
14. ☒ Certificate of Mailing
- ☐ First Class      ☒ Express Mail *(Specify Label No.):* EL911407506US

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Large Entity)**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

Docket No.  
SFI 1017

Total Pages in this Submission

**Accompanying Application Parts (Continued)**

15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*

16. ☒ Additional Enclosures *(please identify below):*

Application Data Sheet

**Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)**

17. ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

**Warning**

***An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.***

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Large Entity)**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
SFI 1017

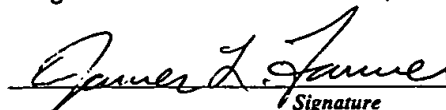
Total Pages in this Submission

**Fee Calculation and Transmittal**

**CLAIMS AS FILED**

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	46	- 20 =	26	x \$18.00	\$468.00
Indep. Claims	5	- 3 =	2	x \$84.00	\$168.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$740.00
OTHER FEE (specify purpose) <u>recordation of Assignment</u>					\$40.00
TOTAL FILING FEE					\$1,416.00

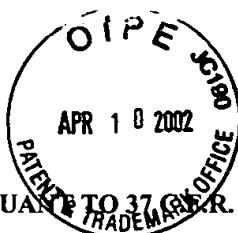
- ☐ A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. **50-1252** as described below. A duplicate copy of this sheet is enclosed.
- ☒ Charge the amount of **\$1,416.00** as filing fee.
  - ☒ Credit any overpayment.
  - ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
  - ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

  
Signature

James L. Farmer, Reg. No. 42,525  
SpeedFam-IPEC Corporation  
305 North 54th Street  
Chandler, Arizona 85226-2405  
(480) 705-2668

Dated: January 17, 2002

cc:



*Releft* #3

**CERTIFICATE OF MAILING PURSUANT TO 37 C.F.R. §1.8**

I hereby certify that this Response to Notice to File Corrected Application Papers - Filing Date Granted, and attachments, are being deposited with the United States Postal Service this date as first class mail in an envelope addressed to: Commissioner for Patents, Box MISSING PARTS, Washington, D.C. 20231, on:

Date: March 25, 2002

By *Shirley L. Quinn*  
Signature of Person Depositing as First Class Mail

**PATENT**

**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**

Applicant: Saket Chadda et al.      Docket No.: New: SFI 1017  
Old: SFI 1008

Serial No.: 10/052,010      Group Art Unit: Not yet assigned

Filing Date: January 17, 2002      Examiner: Not yet assigned

Title: METHOD FOR POLISHING COPPER  
ON A WORKPIECE SURFACE

**RESPONSE TO NOTICE TO FILE CORRECTED  
APPLICATION PAPERS  
--Filing Date Granted--**

Commissioner of Patents  
Box MISSING PARTS  
Washington, D.C. 20231

Dear Sir/Madam:

In response to the Notice to File Corrected Application Papers – Filing Date Granted - mailed on February 19, 2002 in the above-identified application, enclosed herewith are substitute drawing sheets 1-7 in compliance with 37 C.F.R. §1.84.

**1. Fee Calculation**

Basic Fee (\$740)		=	\$ 740.00
Total Claims	46 minus 20 = 26	x \$ 18.00 =	468.00
Independent Claims	5 minus 3 = 2	x \$ 84.00 =	168.00
Multiple dependent claim fee, if applicable		\$260.00 =	N/A



**Fee calculation, request for extension of time pursuant to 37 C.F.R. §1.136(a)**

<input type="checkbox"/>	Missing parts filed within first	month after due date – add	\$ 110.00	+	N/A
<input type="checkbox"/>	Missing parts filed within second	month after due date – add	\$ 380.00	+	N/A
<input type="checkbox"/>	Missing parts filed within third	month after due date – add	\$ 870.00	+	N/A
<input type="checkbox"/>	Missing parts filed within fourth	month after due date – add	\$1,360.00	+	N/A
<b>Subtotal:</b>					<b>\$1,376.00</b>

If one of the “small entity” boxes above is checked, enter half (1/2) of the Subtotal and subtract - N/A

Add: Fee (\$40.00) for recording assignment and other fee(s): 40.00

Less fees submitted with application via deposit account - \$1,416.00

**TOTAL FEES ENCLOSED: \$ 0.00**

**2. Enclosures (check as applicable)**

- ☒ Notice to File Corrected Application Papers – Filing Date Granted (copy)  
☐ Executed Combined Declaration and Power of Attorney  
☐ Verified Statement(s) of Small Entity Status under 37 C.F.R. §§1.9(d), and 1.27  
☐ Assignment and required Recordation Form Cover Sheet  
☐ Information Disclosure Statement pursuant to 37 C.F.R. §§1.97-1.98 (with PTO Form 1449 and copies of citations)  
☒ Other:  
1. Substitute drawing sheets 1-7 in compliance with 37 C.F.R. §1.84

Extra copies of this letter:

- ☒ For charge to deposit account 50-1252 for any deficiency.

**3. Manner of Payment**

- ☐ Please charge Deposit Account No. 50-1252 in the amount of \_\_\_\_\_. A duplicate copy of this sheet is attached.

**This statement does NOT authorize charge of the issue fee.** The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under 37 C.F.R. §§1.16-1.18 now or hereafter relative to this Application and the resulting Official document under 37 C.F.R. §1.20, or credit any overpayment to Account No. 50-1252 for which purpose a duplicate copy of this sheet is attached.

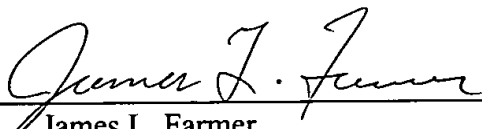
**5. Assignment**

- [ ] An Assignment of this application is enclosed. Please record the Assignment and return the recorded Assignment to the undersigned attorney.
- [ X ] Request for Correction of Filing Receipt Data, and enclosures.

The Patent and Trademark Office is respectfully requested to send a corrected filing receipt, and to forward the application for examination.

Respectfully submitted,

Date: March 25, 2002

By   
James L. Farmer  
Reg. No. 42,525

**SPEEDFAM-IPEC CORPORATION**  
305 North 54<sup>th</sup> Street  
Chandler, Arizona 85226  
(480) 705-2668

10052010 041002



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/052,010	01/17/2002	Saket Chadda	SFI 1008

027782  
SPEEDFAM-IPEC CORPORATION  
305 NORTH 54TH STREET  
CHANDLER, AZ 85226



CONFIRMATION NO. 9154

## FORMALITIES LETTER



\*OC000000007496150\*

Date Mailed: 02/19/2002

## NOTICE TO FILE CORRECTED APPLICATION PAPERS

*Filing Date Granted*

This application has been accorded an Application Number and Filing Date. The application, however, is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given **TWO MONTHS** from the date of this Notice within which to correct the informalities indicated below. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a)

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. ( 5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

*A copy of this notice MUST be returned with the reply.*

*Ayida Giron*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE